

LIGHTSheer™ XC

DIODE LASER SYSTEM

- First in permanent hair reduction utilizing state-of-the-art, pulsed diode technology.
- Optimal parameters enhance safe treatment for the widest range of skin types.
- The patented ChillTip™ handpiece with a 12 mm square spot actively cools while protecting the epidermis and allowing higher treatment fluences.
- Unique compression technique decreases the distance to deep follicular papillae, increasing transmission and efficiency.
- The 12 mm square spot makes it not only the fastest in the LightSheer family but market research has shown that this system provides the highest coverage rate available.
- The 100 ms pulse width was confirmed in separate clinical trials to be optimal for safely and effectively treating the darkest skin types including skin type VI.**
- The highest peak power (2900 watts) of any diode laser system for maximum effectiveness.
- User-friendly and minimal controls allow choice of optimal parameters with repeatability.



Over Thirty Years of Proven Results

Since its founding in 1966, Coherent has offered an unparalleled level of expertise and commitment to our customers. The LightSheer product line exemplifies our goal of continuing to bring you valuable, differentiated systems backed by solid engineering and responsive service. With Coherent, you can count on us being there to help you for years to come.



follow the leader

LIGHTSHEER XC DIODE LASER SYSTEM SPECIFICATIONS

Laser Type	AlGaAs Diode Arrays, Pulsed
Wavelength	800 nm
Peak Power	2900 watts
Repetition Rate	Up to 2 Hz
Spot Size	12mm (square)
Fluence	10 - 60 J/cm ²
Pulse Width	5 - 100 ms
Electrical Supply	100-120 VAC 12 amps typical; 220 VAC 6 amps typical; 50-60 Hz
Cooling	Self-contained, closed cycle
Weight	112 lbs (51 kg)
Dimensions	14.5 in x 15 in x 38 in (37 cm x 38 cm x 96.5 cm)

The LightSheer XC Diode Laser System is cleared for permanent hair reduction based on a prospective clinical study conducted at leading research centers.** The system was optimized based on feedback from this clinical study. The wavelength, long pulse width, large spot size, contact cooling, and compression were chosen to provide the optimal parameters for safety and efficacy.

The technology integrated in the LightSheer is the newest innovation in lasers based on semiconductor diode technology. The inherent reliability of these high powered diodes allows Coherent to offer a two-year, unlimited usage warranty on the diode arrays – the key component in the system. This technology minimizes the cost of ownership as there are no special utilities required and no consumables.

The LightSheer is also cleared for the treatment of leg veins in skin types I-V. A study at the Wellman Laboratories of Photomedicine highlighted its efficacy and safety in treating a specific class of vessels.**

Coherent is the world leader in laser hair removal systems. More LightSheer Diode Systems have been delivered than any other system.

**Contact Coherent for reprints.



The patented ChillTip handpiece represents a breakthrough in patient safety and comfort. It provides superior epidermal protection.



User-friendly controls simplify operation.



The LightSheer XC plugs into any standard wall outlet worldwide. (US configuration shown.)



Global Headquarters

Coherent
2400 Condensa Street
Santa Clara, CA 95051 U.S.A.
TEL: (408) 764-3000
(800) 635-1313
FAX: (408) 764-3999
(800) 505-1133

Coherent GmbH
Dieburg, Germany
TEL: (06071) 968-0
FAX: (06071) 968-400

Coherent (UK) Ltd.
Ely, UK
TEL: (01353) 658824
FAX: (01353) 659106

Coherent, Inc. Beijing
Beijing, China
TEL: (8610) 6510-2620
FAX: (8610) 6510-2621

Coherent Pacific
Kowloon, Hong Kong
TEL: (852) 2714-2800
FAX: (852) 2722-5151

Coherent Scandinavia
Kristianstad, Sweden
TEL: (46) 44 21 21 26
FAX: (46) 44 21 21 79

Coherent Japan Inc.
Tokyo, Japan
TEL: (81) 3-5805-5331
FAX: (81) 3-5800-5730

Coherent Médical S.A.
Saclay, France
TEL: 33 (0) 1 69 85 53 52
FAX: 33 (0) 1 69 85 35 93

Internet Address

<http://www.coherentmedical.com>
email: cmg.web@cohr.com

